

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Mar/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	165.914	1410.797	1) Gujrat	9.857	59.160
2) Hydro	5.573	58.589	2) Madhya Pradesh	15.675	132.015
3) Gas	7.084	75.591	3) Chattisgarh	6.420	46.370
Total MSPGCL	178.571	1544.977	4) Maharashtra	124.366	1126.273
B) 1) APLM	69.759	628.536	5) Goa (Amona)	-0.528	-3.630
2) JSWEL	16.779	136.425	Total	155.790	1360.188
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.168	196.504
4) RPL(AMT)	4.679	64.411	b) Mumbai Drawl	24.614	223.567
5) WPCL	2.669	23.870	c) MSEDCL Bilateral *	33.123	297.223
6) Other IPP	14.690	131.219	Include PX	3.163	26.919
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.168	196.504
C) 1) TPCL Thermal	13.801	112.408	Include PX	6.638	65.728
2) TPCL Hydro	3.228	32.855	Standby	0.000	0.000
3) TPCL Gas	2.352	30.635	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.502	85.530	1) MSEDCL	434.139	3851.848
D) STATE			2) Mumbai Discoms	53.497	484.995
1) Thermal	297.793	2593.196	TOTAL STATE	487.636	4336.843
(A1+C1+C4+(B1-B6))					
2) Hydro	8.801	91.444			
(A2+C2)					
3) Gas	9.436	106.226			
(A3+B7+C3)					
4) Wind	9.506	118.961			
6) SOLAR	6.310	66.828			
TOTAL STATE	331.846	2976.655			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	7457	7418	6817	6324
MSPGCL Hydro	297	451	135	122
MSPGCL Gas	287	283	296	298
MSPGCL Total Generation	8041	8152	7248	6744
Central Sector Receipt	7890	7774	5739	5485
WIND	215	268	535	368
CPP / IPP Thermal	5013	4995	4691	4052
CPP / IPP Gas	0	0	0	0
SOLAR	908	856	5	0
Exchange with Mumbai	-1170	-1277	-1374	-616
MSEDCL DEMAND MET	20897	20768	16844	16033
Load Shedding	0	0	0	0
MSEDCL DEMAND	20897	20768	16844	16033
TPCL GENERATION	1173	1085	731	570
AEML GENERATION	479	500	374	374
MUMBAI DEMAND	2822	2862	2479	1560
STATE DEMAND MET	23719	23630	19323	17593
STATE DEMAND	23719	23630	19323	17593
Frequency (Hz)	50.01	49.99	50.04	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.00 Hrs	49.86 Hz at 23.08 Hrs	50.02	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 09/Mar/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.01	96.28	530	361
Unit 9	10.98	106.77	546	340
Unit 10	10.59	100.04	490	395
Total	32.58	303.10		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.05	86.52	500	360
Unit 5	9.60	84.66	450	355
Total	19.66	171.18		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.27	45.24	250	190
Unit 7	4.51	44.16	248	0
Unit 8	5.41	47.76	250	195
Total	15.19	137.17		
Chandrapur				
Unit 3	4.17	37.87	190	163
Unit 4	3.95	36.04	173	159
Unit 5	9.57	27.24	450	346
Unit 6	10.01	88.95	480	360
Unit 7	9.82	59.40	473	355
Unit 8	10.25	91.52	475	360
Unit 9	9.94	89.70	475	360
Total	57.72	430.73		
Paras				
Unit 3	5.58	49.46	256	198
Unit 4	5.63	51.60	258	190
Total	11.22	101.06		
Khaparkheda				
Unit 1	3.94	35.82	180	150
Unit 2	4.02	37.23	180	160
Unit 3	4.22	38.72	198	158
Unit 4	4.24	28.58	195	160
Unit 5	9.13	91.24	440	360
Total	25.56	231.58		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.99	35.98	185	156
Unit 5	0.00	0.00	0	0
Total	3.99	35.98		
Uran				
All Units	7.08	75.59	376	269
Total	7.08	75.59		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.02	0.52	18	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.52		
Koyna				
Stage 1-2	1.78	19.01	230	40
Stage 4	0.84	12.33	248	0
Stage 3	0.49	6.89	80	0
Total	3.11	38.24		
Hydro				
KDPH	0.65	5.43	36	18
VTRNA	0.00	0.00	0	0
TILLARI	0.48	3.84	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.49	80	0
RNGR+BHTSA	0.33	2.86	14	13
BHANDARDRA	0.44	1.17	27	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	4.07	18	17
GHATGHAR	0.00	1.49	0	0
Total	2.46	20.35		
Wind				
Total	9.51	118.96	0	0
Total	9.51	118.96		
CPP				
APML(Mus)	69.76	628.54	0	0
JSWEL(Mus)	16.78	136.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.68	64.41	0	0
WPCL(Mus)	2.67	23.87	0	0
Other(Mus)	14.69	131.22	0	0
Total	108.58	984.46		
SOLAR				
Total	6.31	66.83	0	0
Total	6.31	66.83		
Tata				
Trombay 5	8.95	71.92	484	286
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.31	18.59	61	51
Trombay 7B	1.04	12.04	48	41
Trombay 8	4.85	40.49	241	173
TATA Hydro	3.23	32.86	405	0
Total	19.38	175.90		
AEML				
DTPS U-1&2	9.50	85.53	502	373
Total	9.50	85.53		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	165.91	1410.80	MSPGCL Total	178.57	1544.98
			MSPGCL Thml+Gas	173.00	1486.39	Koyna 1,2 & 4 Total	2.62	31.34
			MSPGCL Hydro	5.57	58.59	State Total	331.85	2976.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Mar/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6353	107	286	6746	575	3977	0	0	5448	5520	-811	16007	0	16007	1754	17761	49.98
2	6357	112	308	6777	484	3979	0	0	5360	5501	-691	16050	0	16050	1636	17686	49.99
3	6324	122	298	6744	368	4052	0	0	5335	5485	-616	16033	0	16033	1560	17593	50.03
4	6308	167	300	6775	339	4092	0	0	5323	5480	-572	16114	0	16114	1517	17631	50.00
5	6317	127	300	6744	282	4158	0	0	5548	5687	-583	16288	0	16288	1528	17816	50.03
6	6928	292	301	7521	225	4434	0	0	5967	6233	-706	17707	0	17707	1649	19356	49.98
7	7485	350	310	8145	185	4783	0	4	6913	6667	-735	19049	0	19049	1827	20876	50.05
8	7510	375	302	8187	151	4787	0	133	7145	7191	-775	19674	0	19674	2021	21695	50.03
9	7469	250	297	8016	96	4778	0	407	7127	7292	-979	19610	0	19610	2302	21912	50.03
10	7470	225	293	7988	157	4802	0	685	7379	7238	-1150	19720	0	19720	2578	22298	50.04
11	7457	282	288	8027	209	4874	0	841	7474	7701	-1370	20282	0	20282	2743	23025	50.04
12	7457	297	287	8041	215	5013	0	908	7892	7890	-1170	20897	0	20897	2822	23719	50.01
13	7418	451	283	8152	268	4995	0	856	7822	7774	-1277	20768	0	20768	2862	23630	49.99
14	7454	292	274	8020	305	4993	0	845	7873	7781	-1240	20704	0	20704	2638	23342	50.06
15	7461	272	282	8015	320	4997	0	694	7951	7836	-1312	20550	0	20550	2641	23191	50.03
16	7482	351	284	8117	344	4970	0	472	7767	7676	-1255	20324	0	20324	2648	22972	50.02
17	7535	377	330	8242	331	5011	0	341	6991	6840	-1061	19704	0	19704	2638	22342	50.01
18	7361	135	376	7872	453	4864	0	119	6642	6077	-1353	18032	0	18032	2558	20590	50.04
19	6817	135	296	7248	535	4691	0	5	5985	5739	-1374	16844	0	16844	2479	19323	50.04
20	6637	145	269	7051	664	4364	0	0	5889	5521	-1293	16306	0	16306	2480	18786	50.08
21	6155	135	281	6571	770	3930	0	0	5643	5539	-1173	15636	0	15636	2337	17974	50.02
22	6021	290	273	6584	836	3777	0	0	5469	5743	-1103	15837	0	15837	2203	18040	50.00
23	6083	152	282	6517	698	4080	0	0	5704	5728	-1056	15967	0	15967	2091	18058	50.00
24	6055	132	284	6471	696	4176	0	0	5677	5651	-959	16035	0	16035	1985	18020	49.99
MUs	165.91	5.57	7.08	178.57	9.51	108.58	0.00	6.31	156.32	155.79	-24.61	434.14	0.00	434.14	53.50	487.64	50.02

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center, Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 09/Mar/2020

Position as on 6.30 Hrs of 10/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
IPP	JSW (J) U1	300	01/03/2020	06.10		Continued.	Governor Valve Replacement.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 5	108	06/03/2020	12.18	09/03/2020	15.55	Gas shortage	
MSPGCL	Uran Unit 6	108	09/03/2020	18.15		Continued.	Gas shortage	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	09/03/2020	20.22		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 10/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar I	InterState	08/03/2020	18.20	09/03/2020	08.54	HT	Over Voltage
Chandrapur Bhadravati II	InterState	08/03/2020	18.37	09/03/2020	01.11	T	Main I Unhealthy Indication appears
Akola Aurangabad(PG) II	InterState	09/03/2020	12.04	09/03/2020	14.51	PO	Routine Maintenance Work
Dhule Sar'Sarovar II	InterState	09/03/2020	18.22	10/03/2020	06.35	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/03/2020	11.40		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/03/2020	18.30	09/03/2020	06.45	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/03/2020	18.20		Continued.	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	10/03/2020	09.00	10/03/2020	15.37	PO	Diagnostic testing and Routine maintenance Work.
Dhule- Bableshwar - I	IntraState	10/03/2020	10.31		Continued.	PO	Quarterly Maintenance work & Relay Testing.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220kv 315 Mva ICT II @Karad	IntraState	09/03/2020	09.26	09/03/2020	19.06	PO	Quarterly Maintenance Work
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220 kV 500MVA ICT-I @ Alkud	IntraState	10/03/2020	15.18	10/03/2020	20.07	PO	Routine maintenance & Diagnostic testing work.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Tillari Amona	InterState	08/03/2020	16.03	09/03/2020	00.11	T	Distance Protection
Boiser(M)-Boiser(PG) -III	InterState	10/03/2020	09.40	10/03/2020	11.19	PO	Destringing of existing Earth wire between existing loc. No. 17 to 03.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati ss.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/03/2020	11.12		Continued.	PO	Stringing Of New Earth Wire at loc no.112 to 132.
Trombay - Kalwa	IntraState	07/03/2020	06.19	10/03/2020	15.14	PO	Tower Erection And Stringing Work
PAL DOMBIVALI - PALAVA	IntraState	08/03/2020	16.34	09/03/2020	00.14	T	Distance Protection
Dhule-Chalisagaon	IntraState	09/03/2020	06.55	09/03/2020	08.09	HT	To control ICT Loading.
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	09/03/2020	08.28	09/03/2020	16.26	PO	Replacement of Disc Insulator Strings
Uran - Apta IV	IntraState	09/03/2020	12.24	09/03/2020	18.01	EO	To attend DC leakage.
Nalasopara-Boisar	IntraState	10/03/2020	08.57	10/03/2020	12.25	PO	Destringing of existing Earth wire between existing loc. No. 17 to 03.
Boisar II - Boisar PG II	IntraState	10/03/2020	09.22	10/03/2020	13.11	PO	Destringing of existing Earth wire between existing loc. No. 17 to 03.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	08/03/2020	16.02	09/03/2020	11.31	PO	Oil Filtration work.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 10/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	09/03/2020	09.33	09/03/2020	16.46	PO	Tan Delta Measurment of CTs
220/132 Kv 200 Mva Emco Ict 3 @Waghala Nanded	IntraState	09/03/2020	13.38	09/03/2020	17.01	PO	OSR Replacement.